CLAIMS

What is claimed is:

1. A computer-based testing system comprising:

a data administration system including centrally hosted data administration servers; a network; and an operational testing system;

said data administration system including a browser-capable workstation connectible via the network to the centrally hosted data administration servers;

the operational testing system including three subsystems connected to the network: a test delivery server running on a test delivery workstation and managing all aspects of a test session by acting as a data repository and hub for communication between the other subsystems, a proctor software running on a proctor test workstation providing a user interface for managing a test session by communicating with the test delivery server, and a student test software running on a student test workstation providing a user interface for displaying test items and recording responses.

2. The system according to claim 1 further comprising as scalable test display system, such that the appearance of a test item is common to all said student test workstations within the system.

3. The system according to claim 1 wherein users are categorized according to classes.

4. The system according to claim 3 wherein access to the system by a user is limited according to which said class said user belongs.

1   5. The system according to claim 1 further comprising an egress
2 control system whereby access to non-test material by a student using a
3 student test workstation is monitored and controlled during the
4 administration of the test.

1   6. The system according to claim 5 wherein said egress control
2 system permits limited use of a world wide computer network.

1   7. The system according to claim 1 wherein said proctor software
2 facilitates the monitoring of at least one student using said student test
3 workstation.

1   8. The system according to claim 1 wherein said proctor software
2 facilitates the assignment and reassignment of a student to said student test
3 workstations.

1   9. The system according to claim 1 wherein said proctor software
2 facilitates requests for assistance by a student to a proctor monitoring said
3 proctor test workstation.

1   10. A statewide computer-based assessment administration system
2 comprising:
3   a data administration system including centrally hosted data
4   administration servers; a network; and an operational testing
5   system;
6 said data administration system including a browser-capable
7   workstation connectible via the network to the centrally-hosted
8   data administration servers;
9 the operational testing system including three subsystems connected
10   to the network: a test delivery server running on a test delivery
11   workstation and managing all aspects of a test session by
12   acting as a data repository and hub for communication between

13   the other subsystems, a proctor software running on a proctor

14   test workstation providing a user interface for managing a test

15   session by communicating with the test delivery server, and a

16   student test software running on a student test workstation

17   providing a user interface for displaying test items and

18   recording responses.

1   11. A system for the administration of jurisdiction wide standardized

2 examinations, said system comprising:

3   an item bank management subsystem whereby items comprising said

4   examinations may be accessed and edited by authorized test

5   editors;

6   an assessment bank management subsystem whereby assessment

7   materials may be accessed and edited by said authorized test

8   editors;

9   a user management subsystem whereby a testee accesses said system

10   and said examination is administered to said testee, said user

11   management subsystem, comprising testee, teacher, and

12   administrator import and export interfaces for batch updates

13   and modifications;

14   a test publication subsystem comprising an online assessment system

15   that takes an item set and applies pre-established styles to

16   compile said examination for a distribution method, said

17   method being chosen from the group consisting of online

18   distribution and paper distribution;

19   a scoring subsystem whereby a user may manually score open

20   response items, thereby obtaining testee results;

21   an analysis subsystem comprising algorithms for the analysis of

22   testee results;

23   an reporting subsystem comprising algorithms for the analysis of

24   testee results;

25   a security subsystem whereby a technical administrator can control

26   access to said system; and

27   said system being rule based and configured to prompt users with

28   specific steps and enforce the completion of said specific steps

29   before proceeding to a next said specific step.

1   12.   A method for administering a test over a distributed computer

2 network, said method comprising:

3   transmitting test content to at least one data station from a central

4   database;

5   transmitting test content to at least one testing station coupled to

6   said data station;

7   administering the test; an

8   transferring test results from the test station to the data station;

9   storing the test results on the data station; and

10   uploading test results to the central database for analysis.